

Curriculum Vitae of Maria Grazia Giacobbe



PERSONAL INFORMATION

ORCID

Address

Telephone

Fax

E-mail

Maria Grazia Giacobbe

0000-0003-4078-2679

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maria.giacobbe@cnr.it

Place and Date of birth ----- | Nationality Italian

INSTITUTION

Istituto per le Risorse Biologiche e le Biotecnologie Marine, CNR, Messina, Italy (IRBIM-CNR)

WORK POSITION & EXPERIENCE

CNR PERMANENT STAFF, SENIOR RESEARCHER

2001-now

IRBIM-CNR

Responsible of National Projects on HABs and International Projects

Participant to EU projects

1990-2001

Technologist at IAMC, CNR of Messina

Research/Laboratory and field work

Harmful Algal Blooms

Responsible for National Projects

1982-1990

Istituto Ambiente Marino Costiero, CNR

Fellowship

Phytoplankton taxonomy, ecology, culturing

Lab. Responsible

EDUCATION & TRAINING

1983-1985

University of Messina

Biological Science

BSc

1975-1979

University of Messina

Marine Biochemistry

MSc

1991-1995

British College, ME

English Studies

Advanced Certificates

TECHNICAL SKILLS AND COMPETENCE

Skills in Microscopy, identification, isolation and culturing of HAB dinoflagellates. Monitoring and control of HAB events.
Responsible for research activities on Phytoplankton Ecology and Taxonomy, with special emphasis on toxic dinoflagellates, planktonic and epibenthic.
Author of numerous publications (≥60 on international journals, ≥40 national articles, participation to ≥80 International Conferences).
H-index 25, Citations 2449 (Google Scholar)
“ 19 (Scopus)

ORGANIZING COMMITTEE

Most significant activities: October 2004 – Calvià (Maiorca, Spain), Organizer Workshop: “Management of recreational waters in relationship with harmful microalgae blooms (HAB) in the Mediterranean Sea”. (EU Project ‘Strategy’)
April 2016 – Organizing Staff for the Workshop BRAAVOO-EU Project. Monte di Pietà, Messina

TEACHING ACTIVITIES/TUTORSHIPS/ REFEREE

Referee activity for various international journals.
2015 - Tutorship in the context of Eco.Mar Project (20hours/month per 11 months), topic: ‘Increase of Productivity and Quality in Aquaculture and Evaluation of the Alietic Resources’
2015 - Tutor for the Degree thesis: ‘Microalgae: Energetic bet for the future’ Accademic Year 2014/2015.
2014 - 50 hours Teaching - PON Technological Innovation in Aquaculture . Training activity in the framework of the project FOR-INNOVAQUA . Teaching on 1) Microalgal Species and production in photobioreactors. Coordinated by: University of Messina and 2) Macroalgae of industrial interest.
2012- Teaching Activity for ARPA SICILY, Regional agency for environmental protection. Formative Project ‘Identification in epifluorescence of the toxic microalga *Ostreopsis*, Palermo, 7-8 Novembre 2012.
2011-2012. Teaching activity on microalgal species for the Degree Specialistic Course in Environmental Science, Aquaculture Module, University of Messina, Dept. Life Science ‘Malpighi’, Botanic

ENVIRONMENTAL CONSULENCES

2015 - Consulence activity for IAS (Syracuse Water Industry for the treatment of seawages), on phytoplankton, toxic species and field measures of environmental parameters through profiling CTD.

CURRENT RESEARCH ACTIVITIES

Monitoring of HAB events in coastal areas of Sicily, Study of phytoplankton communities, Isolation in culture of toxic species, Development of new detection tools in cooperation with other research teams

RECENT PARTICIPATIONS IN INTERNATIONAL RESEARCH PROJECTS

2013-2016. EU funded project:, BRAAVOO Project (ID n.614010). Biosensors for real time monitoring of biohazard and man made chemical contaminants in the marine environments – WP3 ALGAL BIOSENSORS EC FP7-Theme Ocean 2013.1
2016-2019 Associated Partner to the MIMAR Project “MONITORING, CONTROL AND MITIGATION OF BLOOMS OF MARINE ORGANISMS ASSOCIATED TO HUMAN PERTURBATIONS AND CLIMATE CHANGES IN THE MACARONÉSICA REGION,INTERREG MAC 2014-2020. Coordinated by the Universidad de Las Palmas de Gran Canaria (ULPGC)
2018-2021 IRBIM-Responsible Partner in MECHANISMS OF RED TIDES AND HYPOXIA AS ECOLOGICAL MARINE DISASTERS AND TECHNOLOGIES FOR ITS EARLY WARNING ALONG THE “BELT AND ROAD” COUNTRIES, supported by the chinese MOST. Chinese key-programme of international cooperation for scientific and technological innovation. Coordinated by the Hydrobiology Institute, Chinese Academy of Science, IHB-CAS.